INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7   G06F12/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7   G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EMERY D. BERGER, KATHRYN S. MCKINLEY, ROBERT D. BLUMOFE, PAUL R. WILSON: "Hoard: a scalable memory allocator for multithreaded applications" PROCEEDINGS OF THE NINTH INTERNATIONAL CONFERENCE ON ARCHITECTURAL SUPPORT FOR PROGRAMMING LANGUAGES AND OPERATING SYSTEMS, CAMBRIDGE, MASSACHUSETTS, UNITED STATES, ACM, NEW YORK, November 2000 (2000-11), pages 117-128, XP002258852 abstract; figure 1 page 118, column 2, paragraph 5 -page 119, column 2, paragraph 4 page 120, column 1, paragraph 3 -column 2, paragraph 1 page 121, column 1, last paragraph -column 2, paragraph 4 page 124, column 2, paragraph 2 -page 127, -/--	1-3,6-8, 11-14

[X] Further documents are listed in the continuation of box C.   [ ] Patent family members are listed in annex.

° Special categories of cited documents :

'A' document defining the general state of the art which is not considered to be of particular relevance

'E' earlier document but published on or after the international filing date

'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

'O' document referring to an oral disclosure, use, exhibition or other means

'P' document published prior to the international filing date but later than the priority date claimed

'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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'&' document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
22 October 2003	10/11/2003

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Breche, P

Form PCT/ISA/210 (second sheet) (July 1992)

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category°	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
	column 2, paragraph 2	
A	DAVID GAY, ALEX AIKEN: "Language support for regions" PROCEEDINGS OF THE ACM SIGPLAN 2001 CONFERENCE ON PROGRAMMING LANGUAGE DESIGN AND IMPLEMENTATION, SNOWBIRD, UTAH. ACM PRESS, NEW YORK, NY, USA, May 2001 (2001-05), pages 70-80, XP002258853 abstract; figures 1,2,4 page 70, column 1, paragraph 2 -page 72, column 1, paragraph 1 page 73, column 1, paragraphs 1-5 page 74, column 1, paragraphs 3-5	1-14
A	OGASAWARA T: "An algorithm with constant execution time for dynamic storage allocation" REAL-TIME COMPUTING SYSTEMS AND APPLICATIONS, 1995. PROCEEDINGS., SECOND INTERNATIONAL WORKSHOP ON TOKYO, JAPAN 25-27 OCT. 1995, LOS ALAMITOS, CA, USA,IEEE COMPUT. SOC, US, 25 October 1995 (1995-10-25), pages 21-25, XP010196652 ISBN: 0-8186-7106-8 abstract page 21, column 1, paragraph 1 -page 23, column 2, paragraph 5	1-14
A	MARK S. JOHNSTONE, PAUL R. WILSON: "The memory fragmentation problem: solved?" ACM SIGPLAN NOTICES , PROCEEDINGS OF THE FIRST INTERNATIONAL SYMPOSIUM ON MEMORY MANAGEMENT, vol. 34, no. 3, October 1998 (1998-10), pages 26-36, XP002258854 Vancouver, British Columbia, Canada abstract page 26, column 1, paragraph 1 -page 28, column 2, paragraph 6 page 33, column 1, paragraph 6 -page 35, column 2, paragraph 6	1-14